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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

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Division Director

Inspection Report

Minerals Regulatory Program

March 18, 2014

Reviewed: W H W

Mine Name: Hi Cal	Permit Number: M/023/0071
Operator Name: Triumph Mining	Inspection Date: February 17, 2014
Inspector(s): Paul Baker	Time: about 12:50-1:00 PM
Other Participants: none	Mine Status: Reclaimed

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit fee: Site reclaimed; no permit fee due **Bond Renewal Date:** 2005 **Bond Amount:** \$6000

Purpose of Inspection: To determine whether vegetation is adequate for release of the remaining surety.

Weather: High clouds, 40s.

Inspection Summary:

9. Revegetation

I did not take quantitative vegetation cover measurements. I do not believe vegetation cover in the reclaimed area is 70 percent of the cover in surrounding areas for two reasons: the surrounding area is dominated by mature sagebrush where the reclaimed area is mostly grass, and the grass in the reclaimed area has been grazed to ground level. If the sagebrush was similarly grazed to ground level, the reclaimed area would likely have more vegetation cover than adjacent undisturbed areas.

The dominant species in the reclaimed area is crested wheatgrass. There are few weeds, mostly some scattered Russian thistle. I did not see evidence of accelerated erosion, even on the backfilled highwall where there is less vegetation.

Conclusions and Recommendations:

I recommend that the remaining reclamation surety be release and that the permit be closed. The Division will need to obtain concurrence from the BLM before releasing the surety.

Inspector's Signature

PNB: [other contributors]; pbb

cc: Bob Steele, Triumph Mining

Duane Bays, Fillmore BLM (dbays@blm.gov)

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The highwall has less vegetation than other areas, but I saw no erosion problems.



Note the amount of grazing.



There are a few weeds, but they are not predominant.